PHOTOGRAPHIC INTERPRETATION REPORT



25X1A

MISSION G-085

31 MAY 1969

NPIC/R-49/69 JUNE 1969

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

Approved For Release 2000/05/10: CIA-RDP78B04560A006800010044-6

WARNING

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MISSION G-085, 31 MAY 1969

NPIC/R-49/69

PREFACE

25X1A

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM MISSION G-085, 31 MAY 1969. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

NEGATIVE RESPONSES TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC (NO APPARENT CHANGE) AND/OR NOOB (NO ORDER OF BATTLE DISCERNIBLE) AT THE END OF THE REFERENCE LINE.

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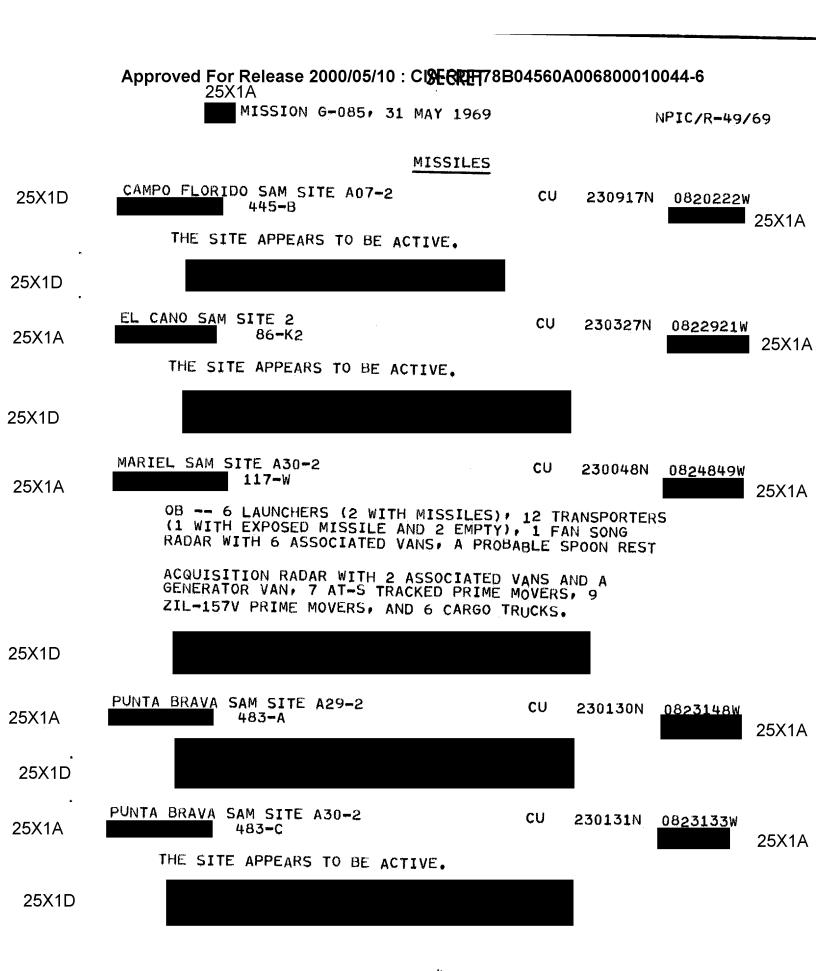
MISSION G-085, 31 MAY 1969

NPIC/R-49/69

SUMMARY

SIXTY-SEVEN PRIORITY TARGETS ARE COVERED ON THIS MISSION, INCLUDING TEN SA-2 SAM SITES, ONE SAM TRAINING AREA, TWO NAVAL MISSILE STORAGE AREAS, TEN AIRFIELDS, SEVEN NAVAL BASES AND PORTS, TEN RADAR FACILITIES, 19 GROUND FORCE INSTALLATIONS, SEVEN LANDING BEACHES, AND ONE STORAGE AREA.

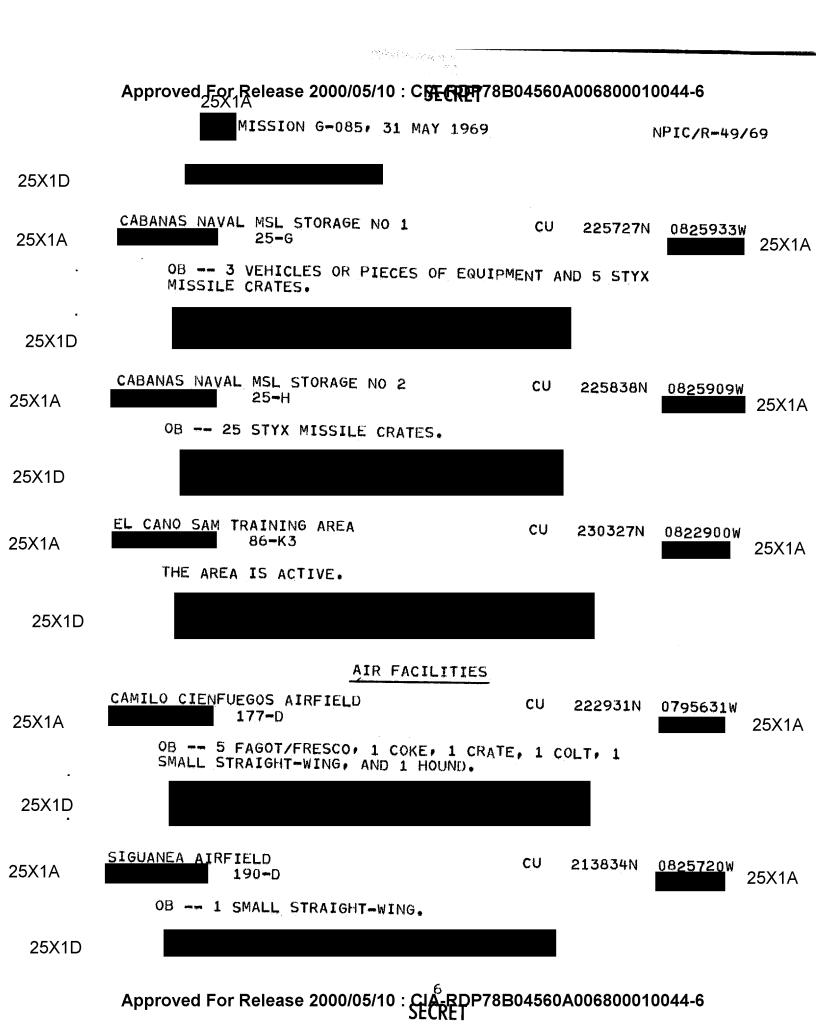
THE INTERPRETABILITY OF APPROXIMATELY 80 PERCENT OF THE TARGETS OBSERVED IS LIMITED BY CLOUD COVER AND OBLIQUITY. THE ORDER OF BATTLE APPEARS TO BE NORMAL, AND NO UNUSUAL ACTIVITY IS OBSERVED IN THE AREAS COVERED BY PHOTOGRAPHY.

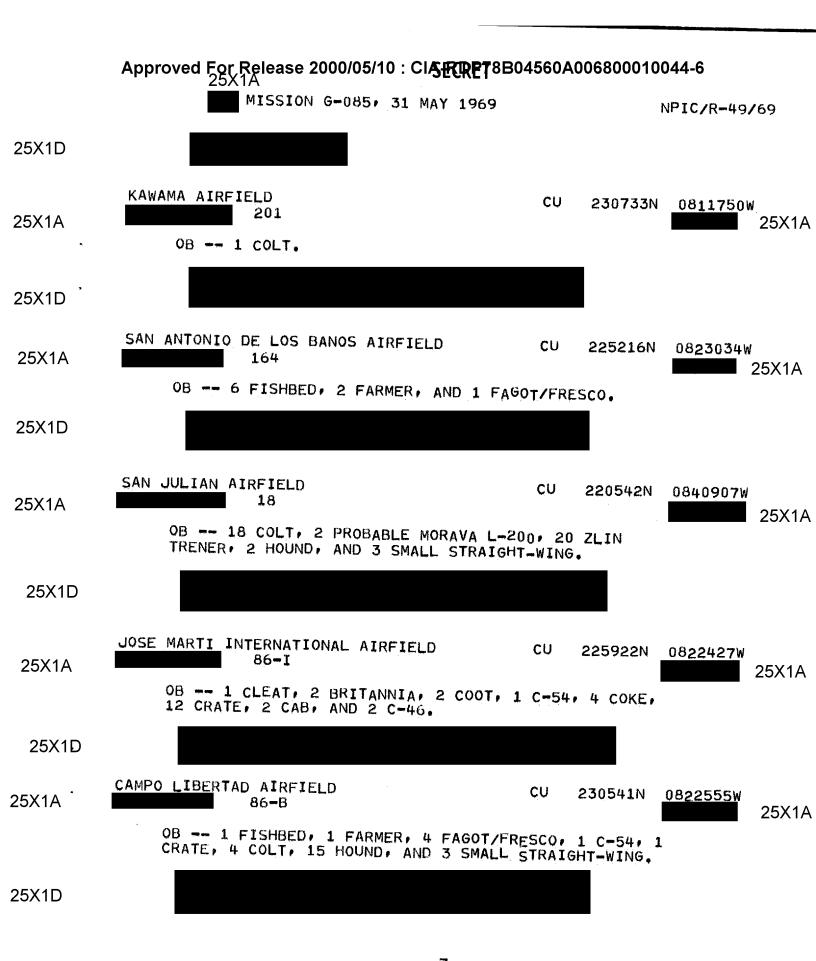


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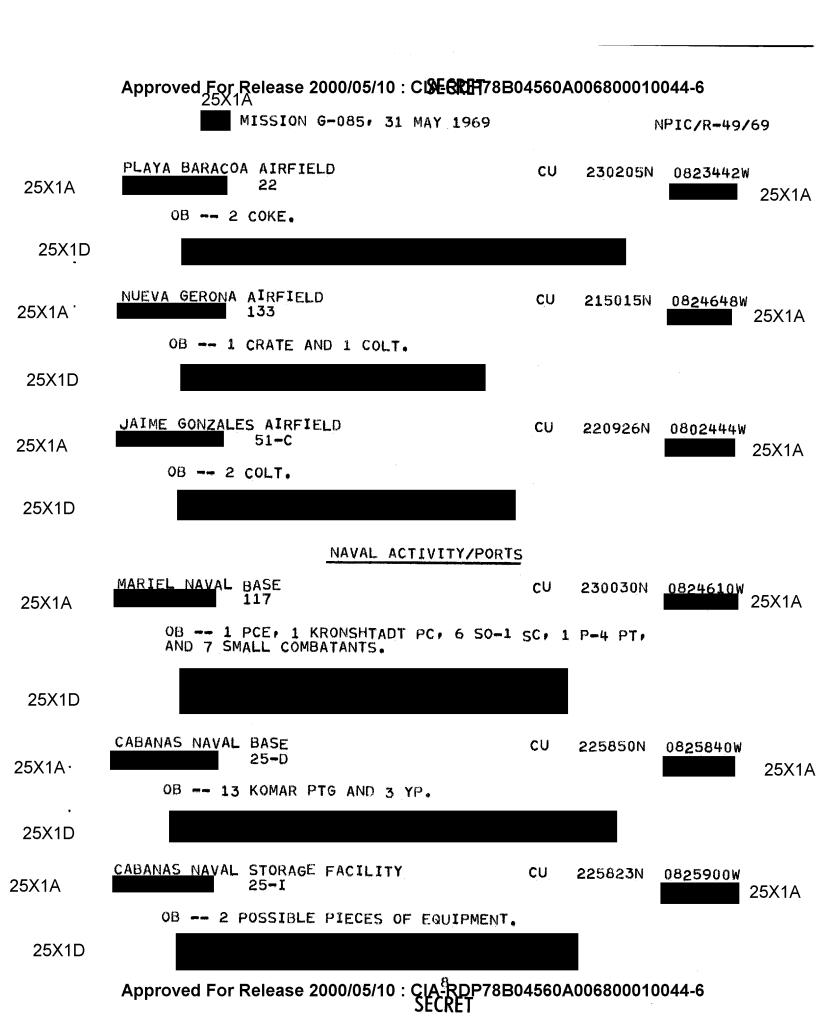
Approved For Release 2000/05/10 : Cst. 78804560A006800010044-6 MISSION G-085, 31 MAY 1969 NPIC/R-49/69 RANCHUELO SAM SITE A33-2 CU 222350N 0801002W 154-B 25X1A 25X1A OB -- 6 LAUNCHERS (3 WITH MISSILES), 8 MISSILE TRANSPORTERS (3 WITH EXPOSED MISSILES), A PROBABLE FAN SONG RADAR WITH 4 VANS, 9 AT-S TRACKED PRIME MOVERS, 4 PROBABLE ZIL-157V PRIME MOVERS, 6 CARGO TRUCKS, 3 ANTENNA CARRIERS, AND 18 VEHICLES OR PIECES OF EQUIPMENT. 25X1D SANTA ISABEL DE LAS LAJAS SAM A35-2 CU 222820N 0801847W 154-C 25X1A 25X1A OB -- 5 LAUNCHERS, 12 TRANSPORTERS, 1 FAN SONG B/C RADAR WITH 5 ASSOCIATED VANS, 1 OCCUPIED ACQUISITION RADAR POSITION, AND 3 VEHICLES OR PIECES OF EQUIPMENT. 25X1D LA CATALINA SAM SITE A34-2 CU 225818N 0820011W 172-H 25X1A 25X1A THE SITE APPEARS TO BE ACTIVE. 25X1D SANTA FE SAM SITE A30-2 CU 214701N 0825010W 179-H 25X1A 25X1A OB -- 15 MISSILE TRANSPORTERS (8 WITH EXPOSED MISSILES) AND 1 VEHICLE OR PIECE OF EQUIPMENT. BUT 3 OF THE TRANSPORTERS ARE IN THE GUIDANCE AREA. 25X1D⁻ PUNTA BALLENATOS SAM SITE A26-2 CU 230440N 0822945W 25X1A 508-A 25X1A THE SITE APPEARS TO BE ACTIVE. 25X1D

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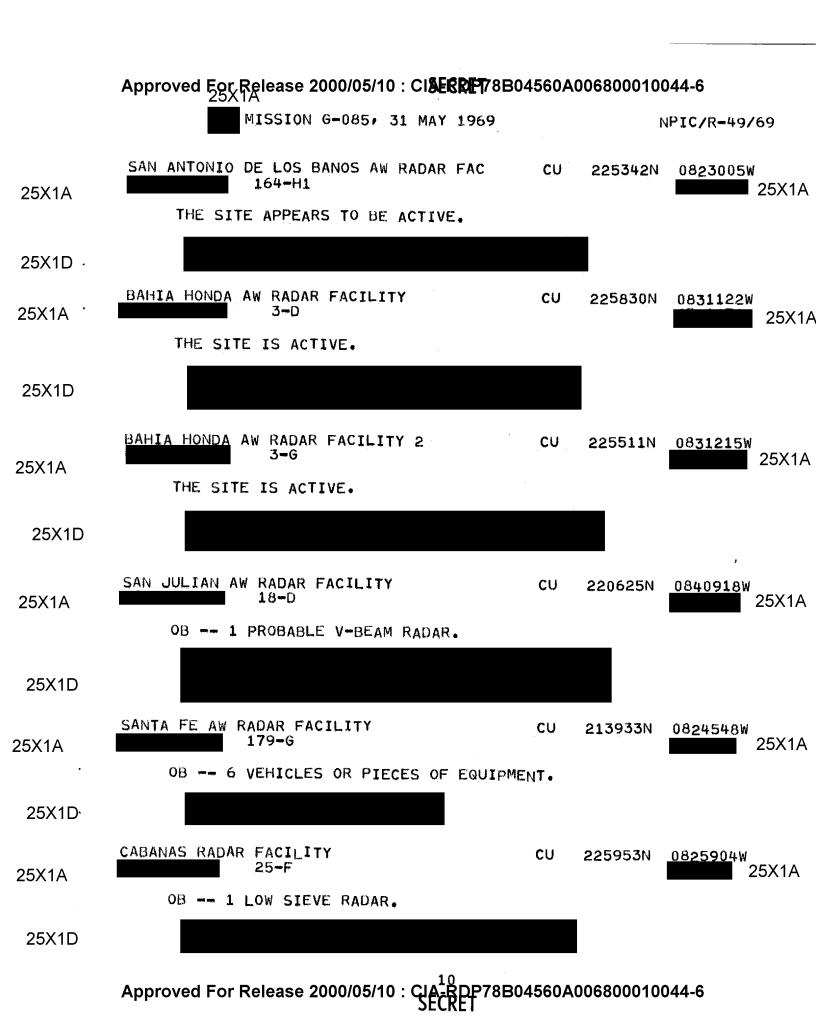


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Approved For Release 2000/05/10 : CSECRET 78B04560A006800010044-6 MISSION G-085, 31 MAY 1969 NPIC/R-49/69 CIENFUEGOS PORT FACILITIES CU 220825N 0802720W 51-A 25X1A 25X1A VESSELS -- 7 FREIGHTERS AND 1 TANKER. 25X1D-CIENFUEGOS PORT A NAVAL FACILITIES CU 220903N 0802720W 51-A1 25X1A 25X1A OB -- 2 KRONSHTADT PC (1 IN FLOATING DOCK), 8 P-6 PT, 1 YPT, AND 1 YP. 25X1D LA HABANA PORT FACILITIES CU 230750N 0822050W 86 25X1A 25X1A OB -- 2 KRONSHTADT PC, 2 SO-1 SC, 2 KOMAR PTG, 1 POSSIBLE P-6 PT, 3 POSSIBLE P-4 PT, AND 3 SMALL COMBATANTS. OTHER VESSELS -- 23 FREIGHTERS AND 6 COASTAL FREIGHTERS. 25X1D PUNTA BALLENATOS NAVAL FACILITY CU 230515N 0822945W 25X1A 508 25X1A THE FACILITY IS ACTIVE. 25X1D **ELECTRONICS/COMMUNICATIONS** SANTA CLARA AW RADAR FACILITY CU 0795658W 223016N 25X1A 177-E 25X1A OB -- 1 BAR LOCK RADAR AND 3 VEHICLES OR PIECES OF EQUIPMENT. 25X1D

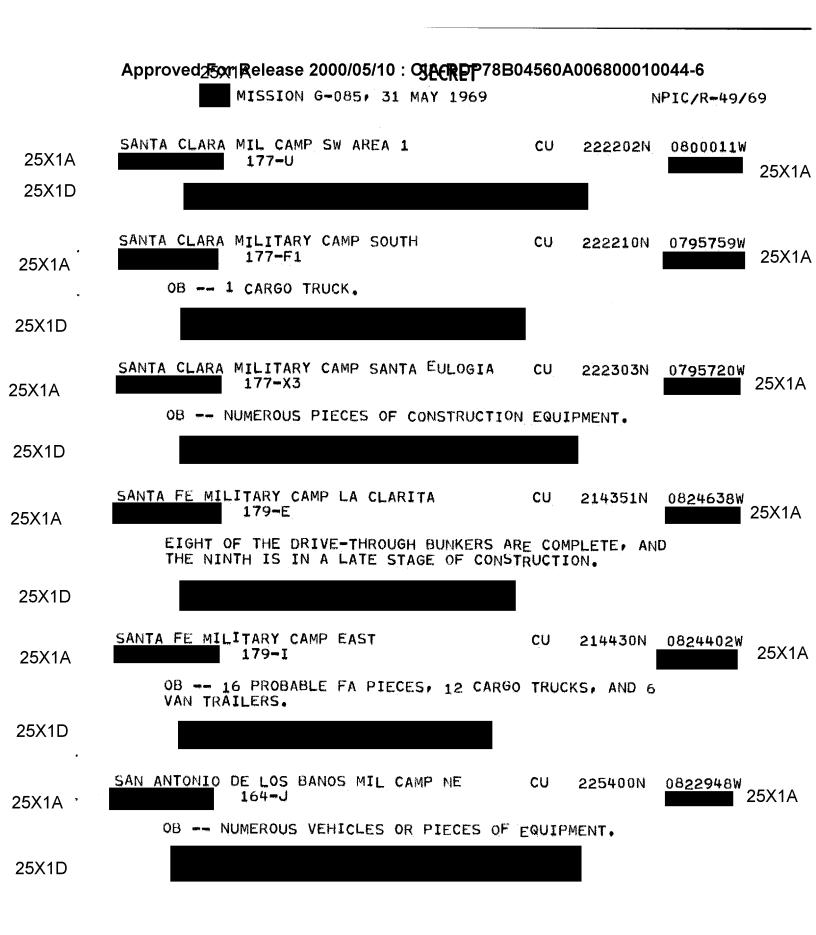
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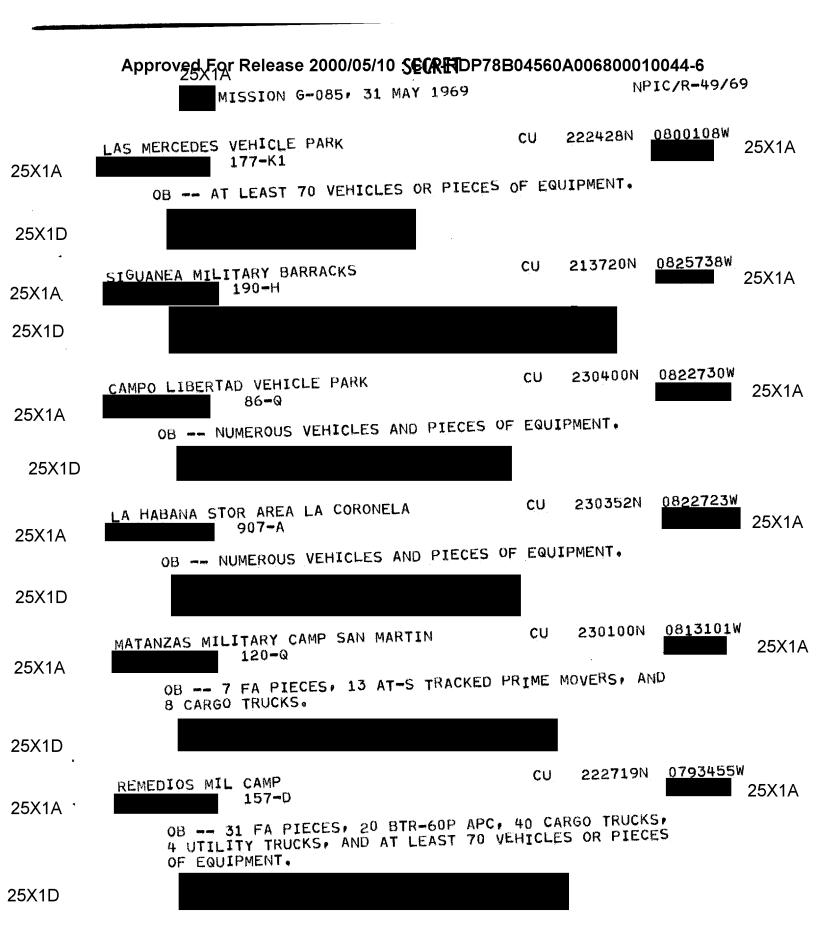


Approved For Release 2000/05/10 \$ [CORFRDP78B04560A006800010044-6 MISSION G-085, 31 MAY 1969 NPIC/R-49/69 25X1D VARADERO RADAR FACILITY CU 231147N 0810825W 25X1A 201-E 25X1A OB -- 1 SHEET BEND RADAR AND 3 VEHICLES OR PIECES OF EQUIPMENT. 25X1D CIENFUEGOS RADAR FACILITY 2 CU 220226N 0802523W 25X1A 477-A 25X1A OB -- 1 PROBABLE SHEET BEND RADAR AND 2 VAN TRAILERS. 25X1D SAN MIGUEL AW RADAR FACILITY CU 222939N 0795358W 177-E1 25X1A 25X1A OB -- 1 BAR LOCK RADAR, 1 PROBABLE HEIGHT FINDER RADAR, AND 6 ASSOCIATED VANS. 25X1D GROUND FORCE ACTIVITY GUANAJAY MILITARY CAMP MARTIN MESA 1 CU 225720N 0824332W 215-D 25X1A 25X1A OB -- 3 FA PIECES, 1 PROBABLE AAA PIECE, 30 CARGO TRUCKS, 13 UTILITY TRUCKS, AND 13 OTHER VEHICLES OR PIECES OF EQUIPMENT. 25X1D GUANAJAY DRIVE THROUGH BUNKER CU 225655N 0823900W 215-M 25X1A 25X1A 25X1D

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v	Approved 501 Release 2000/05/10: CSECREP 78B04560A006800010044-6 MISSION G-085, 31 MAY 1969 NPIC/R-49/69					
	ENTONIA OF CORP. ENT. TOO		. •			
25X1A	SAN ANTONIO DE LOS BANOS MIL DPO FLORA 164-E	cu	225228N	0823323W	25X1A	
	OB NUMEROUS VEHICLES OR PIECES C	F EQUIP	MENT.			
25X1D						
25X1A	LA FLORA MILITARY AREA 164-E1	ÇU	225225N	082 333 6W	25X1A	
	OB NUMEROUS VEHICLES OR PIECES O	OF EQUIP	MENT.			
25X1D						
25X1A	LIMONAR MILITARY CAMP CAMPO DE TIRO SE 430-C	cu	225555N	0812420W	25X1A	
	OB 6 AAA PIECES AND 11 UTILITY T	rrucks.				
25X1D			* .	÷		
25X1A	LIMONAR MILITARY TRAINING AREA 430-D	cu	225433N	0812150W	25X1A	
	OB 27 AAA PIECES, 221 CARGO TRUC FUEL TRUCKS, AND 1 UTILITY TRUCK.	KS, 4 P	ROBABLE			
25X1D			,			
25X1A	MANICARAGUA STORAGE AREA 291-B	cu	220624N	0795848W	25X1A	
25X1D						
25X1A·	MARIEL MILITARY CAMP LOMA GOBERNADORA 25-B	cu	225605N	0825104W	25X1A	
25X1D						





Approved 55x Release 2000/05/10 : CISER RP78B04560A006800010044-6 MISSION G-085, 31 MAY 1969 NPIC/R-49/69 TARARA LANDING BEACH CU 231030N 0821120W 322 25X1A 25X1A NINETY PERCENT OF THE BEACH IS OBSERVED. NO UNUSUAL ACTIVITY IS NOTED. 25X1D MATANZAS LANDING BEACH CU 230100N 0812630W 120-A1 25X1A 25X1A THE ENTIRE BEACH IS COVERED. NO UNUSUAL ACTIVITY IS OBSERVED. 25X1D MATANZAS BAY BH 1 CU 230158N 0813030W 120-X1 25X1A 25X1A THE ENTIRE BEACH IS COVERED. NO UNUSUAL ACTIVITY IS OBSERVED. 25X1D CIENFUEGOS LANDING BEACH CU 2202//N 08036//W 51-U 25X1A 25X1A THE ENTIRE BEACH IS COVERED. NO UNUSUAL ACTIVITY IS OBSERVED. 25X1D LUNA PUNTA LANDING BEACH 173 CU 220140N 0802430W 477 25X1A 1 25X1A TEN PERCENT OF THE BEACH IS OBSERVED. NO UNUSUAL ACTIVITY IS NOTED. 25X1D

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CAMARIOCA BOCA DE BEACH 221

CU 230900N

0811550W

25X1A

201-B1

25X1A

25X1A

THE ENTIRE BEACH IS COVERED. NO UNUSUAL ACTIVITY IS OBSERVED.

25X1D

CAYUELO PUNTA BEACH 223 201-C1

CU 230720N 0812110W

25X1A

EIGHTY PERCENT OF THE BEACH IS COVERED. NO UNUSUAL ACTIVITY IS OBSERVED.

25X1D

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INDEX OF TARGETS

AN ASTERISK (*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

ξX	INSTALLATION NAME	CTY	
	ALQUIZAR SAM SITE A30-2 CAMPO FLORIDO SAM SITE A07-2 EL CANO SAM SITE 2 MARIEL SAM SITE A30-2 PUNTA BRAVA SAM SITE A29-2 PUNTA BRAVA SAM SITE A30-2 RANCHUELO SAM SITE A33-2 TORRENS MISSILE SUPPORT FAC SAM SANTA ISABEL DE LAS LAJAS SAM A35-2 LA CATALINA SAM SITE A34-2	CU	*
	CAMPO FLORIDO SAM SITE A07-2	ÇU	
	EL CANO SAM SITE 2	ÇU	
	MARIEL SAM SITE A30-2	ÇU	
	PUNTA BRAVA SAM SITE A29-2	CU	
	PUNTA BRAVA SAM SITE A30-2	ÇU	
	RANCHUELO SAM SITE A33-2	CU	
	TORRENS MISSILE SUPPORT FAC SAM	CU	*
	SANTA ISABEL DE LAS LAJAS SAM A35-2	CU	
	LA CATALINA SAM SITE A34-2 SANTIAGO DE LAS VEGAS SUPPORT FAC SAM SANTA FE SAM SITE A30-2	CU	
	SANTIAGO DE LAS VEGAS SUPPORT FAC SAM	CU	*
	DUNTA DALLEMATOR CAM CITE AGEO	CU	
	FUNIA DALLENATUS SAM SITE AZOTZ	CO	
	LA MADANA SAM SITE COLIMAD AGO	CU	*
	LA MADANA DAM DITE CUJIMAK AUD	CU	*
	SANTA FE SAM SITE A30+2 PUNTA BALLENATOS SAM SITE A26-2 LA HABANA SAM FORT DE LA CABANA A03-2 LA HABANA SAM SITE COJIMAR A08 SAN JOSE DE LAS LAJAS SSM SITE 2 CRU SAN JOSE DE LAS LAJAS SSM SITE 1 CRU	CII	*
	CAN JOSE DE LAS LAJAS MISSIF SPT 1	CU	*
	CARANAS NAVAL MSL STORAGE NO 1	CII	-4-
	CABANAS NAVAL MSL STORAGE NO 2	ĊŬ	
	FI CANO SAM TRAINING AREA	cu	
	CAMILO CIENFUEGOS AIRFIELD	ČŪ	
	SIGUANEA AIRFIELD	ČŪ	
	KAWAMA AIRFIELD	ÇU	
	SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE SAN JOSE DE LAS LAJAS MISSILE SPT 1 CABANAS NAVAL MSL STORAGE NO 1 CABANAS NAVAL MSL STORAGE NO 2 EL CANO SAM TRAINING AREA CAMILO CIENFUEGOS AIRFIELD SIGUANEA AIRFIELD KAWAMA AIRFIELD SAN ANTONIO DE LOS BANOS AIRFIELD SAN JULIAN AIRFIELD	CU	
	SAN JULIAN AIRFIELD	CU	
	JOSE MARTI INTERNATIONAL AIRFIELD	CU	
	CAMPO LIBERTAD AIRFIELD	CU	
	PLAYA BARACOA AIRFIELD	CU	
	NUEVA GERONA AIRFIELD	ÇU	
	JAIME GONZALES AIRFIELD	Cú	
	MAKIEL NAVAL BASE	CU	
	SAN JULIAN AIRFIELD JOSE MARTI INTERNATIONAL AIRFIELD CAMPO LIBERTAD AIRFIELD PLAYA BARACOA AIRFIELD NUEVA GERONA AIRFIELD JAIME GONZALES AIRFIELD MARIEL NAVAL BASE CABANAS NAVAL BASE CABANAS NAVAL STORAGE FACILITY CIENFUEGOS PORT FACILITIES	CU	
	CIENFUEGOS PORT FACILITIES	CÜ	
	CIENFUEGOS PORT A NAVAL FACILITIES	CU	
	LA HABANA PORT FACILITIES	ÇU	
	PUNTA BALLENATOS NAVAL FACILITY	ÇU	
	SANTA CLARA AW RADAR FACILITY	CU	
	SAN ANTONIO DE LOS BANOS AW RADAR FAC	CU	
	BAHIA HONDA AW RADAR FACILITY	čΰ	
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	MISSION G-085, 31 MAY 1969	NPIC/R-49/69
25X1A	BAHIA HONDA AW RADAR FACILITY 2 LA HABANA RADAR FACILITY COJIMAR SAN JULIAN AW RADAR FACILITY SANTA FE AW RADAR FACILITY CABANAS RADAR FACILITY VARADERO RADAR FACILITY CIENFUEGOS RADAR FACILITY	CU * CU CU
25X1D	LA HABANA RADAR FACILITY 2 LA HABANA RADAR FACILITY COJIMAR SAN JULIAN AW RADAR FACILITY SANTA FE AW RADAR FACILITY CABANAS RADAR FACILITY VARADERO RADAR FACILITY CIENFUEGOS RADAR FACILITY SAN MIGUEL AW RADAR FACILITY LA HABANA MIL CAMP SE 1 LA HABANA BARRACKS COJIMAR CALABAZAR MILITARY AREA SANTIAGO DE LAS VEGAS MIL CAMP LOURDES MILITARY CAMP TORRENS	CU CU * CU * CU * CU *
23/(1)	GUANAJAY MILITARY CAMP MARTIN MESA 1 GUANAJAY DRIVE THROUGH BUNKER SAN ANTONIO DE LOS BANOS MIL DPO FLORA LA FLORA MILITARY AREA LIMONAR MILITARY CAMP CAMPO DE TIRO SE LIMONAR MILITARY TRAINING AREA MANAGUA BKS AND SCHOOL AREA MANICARAGUA STORAGE ADEA	CU * CU * CU CU CU CU CU CU CU
25X1A 25X1D	NAZARENO MILITARY CAMP LOMA GOBERNADORA SANTA CLARA MILITARY CAMP SOUTH SANTA CLARA MILITARY CAMP SOUTH SANTA CLARA MILITARY CAMP SANTA EULOGIA SANTA FE MILITARY CAMP LA CLARITA SANTA FE MILITARY CAMP EAST SAN ANTONIO DE LOS BANOS MIL CAMP NE CHORRERA DE MANAGUA MILITARY CAMP LAS MERCEDES VEHICLE PARK SIGUANEA MILITARY BARRACKS ALQUIZAR MILITARY CAMP	CU * CU * CU * CU C
25X1D	CAMPO LIBERTAD VEHICLE PARK LA HABANA STOR AREA LA CORONELA MATANZAS MILITARY CAMP SAN MARTIN LA HABANA ARMY BKS FORT DE LA CABANA LA CABANA MILITARY STORAGE AREA REMEDIOS MIL CAMP WAJAY SUSP MIL ACTIVITY TARARA LANDING BEACH MATANZAS LANDING BEACH MATANZAS BAY BH 1 CIENFUEGOS LANDING BEACH	CU * CU CU CU * CU * CU * CU * CU * CU *

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LUNA PUNTA LANDING BEACH 173 CAMARIOCA BOCA DE BEACH 221 CAMACHO LANDING BEACH 224 CAYUELO PUNTA BEACH 223 CU *

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